

METHOD OF PRODUCING TITANIUM OXIDE FINE PARTICLE**Veröffentlichungsnummer** JP2001151510 (A)**Auch veröffentlicht als****Veröffentlichungsdatum:** 2001-06-05

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PROBLEM TO BE SOLVED: To provide a production method of a spherical high purity titanium oxide fine particle having excellent dispersibility and usable generally for an electronic material, an ultraviolet shielding material or a photocatalyst. **SOLUTION:** The manufacturing method of the titanium oxide fine particle is performed by reacting with each other in the ratio of titanium tetrachloride gas of 11, oxygen of 1-301 and hydrogen of 0.1-101 on the assumption of being in the normal state in the vapor phase reaction of titanium tetrachloride and controlling to be <=20 vol.% in the concentration of titanium tetrachloride gas in a reaction part.

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